

Morbidity and Mortality

Weekly Report

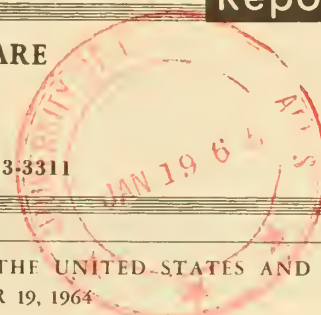
U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

633-3311

ATLANTA, GEORGIA 30333



PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 19, 1964

Venereal Disease Surveillance Summary - 1954-1963

EPIDEMIOLOGIC NOTES

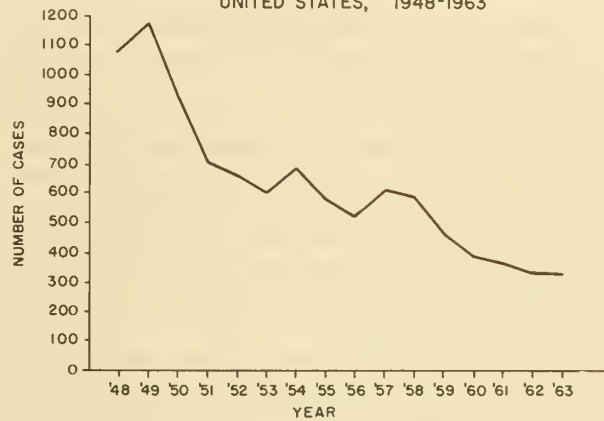
Tularemia

A total of 8 cases of tularemia was reported for the week ended December 19, 1964. This brings the cumulative total to 320 thus far in 1964. This year, as in previous years, the Mountain, South and North Central states have reported over three-fourths of all cases although all geographic regions have recorded some cases.

Although there has been a decline in the yearly incidence of this disease since 1949, the number of cases has remained essentially stable during the past few years. (see graph opposite)

Seasonal peaks of tularemia are associated with hunting and outdoor recreation periods and with high deer fly and tick populations.

REPORTED CASES OF TULAREMIA BY YEAR
UNITED STATES, 1948-1963



SOURCE: NATIONAL MORBIDITY REPORTS

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	51st Week Ended		Median 1959 - 1963	Cumulative, First 51 Weeks		
	December 19, 1964	December 21, 1963		1964	1963	Median 1959 - 1963
Aseptic meningitis	39	25	---	2,115	1,796	---
Brucellosis	4	28	4	387	375	566
Diphtheria	2	12	12	280	294	569
Encephalitis, primary infectious ..	49	20	---	3,163	1,515	---
Encephalitis, post-infectious	8	20	---	771	---	---
Hepatitis, infectious including serum hepatitis	742	664	898	37,108	42,049	42,049
Measles	3,251	3,511	4,050	485,017*	384,305	417,569
Meningococcal infections	78	50	39	2,751*	2,303	2,151
Poliomyelitis, Total	-	7	19	117	436	1,334
Paralytic	-	6	16	90	372	869
Nonparalytic	-	-	---	15	46	---
Unspecified	-	1	---	12	18	---
Streptococcal Sore Throat and Scarlet fever	10,417	6,985	---	387,774	332,652	---
Tetanus	-	5	---	266	275	---
Tularemia	8	10	---	320	287	---
Typhoid fever	11	2	7	446	522	805
Rabies in Animals	102	42	42	4,455	3,650	3,507

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	5	Psittacosis: Ark. - 1, Minn. - 1	47
Botulism: Kans. - 7	22	Rabies in Man:	1
Leptospirosis: Tenn. - 1, La. - 1, Hawaii- 1	107	Smallpox:	-
Malaria: Ga. - 1, Calif. - 1	96	Typhus-	
Plague:	-	Murine:	25
		Rky Mt. Spotted: Penn. - 1, Kans. - 1	224

* Includes delayed reports from Texas

Venereal Disease Surveillance Summary — 1954-1963

During the past decade, the reported incidence of the principal venereal diseases has changed markedly with each of the diseases exhibiting quite different characteristics. In contrast to a reported threefold increase in cases of primary and secondary syphilis, the incidence of both chancroid and granuloma inguinale exhibited a comparable, proportionate decline. Gonorrhea cases in civilians have increased only slightly.

Infectious Syphilis

Reported cases of **infectious syphilis** (primary and secondary syphilis) increased less sharply during 1962 and 1963 than in the preceding 3 years (see table and graph). The 22,251 cases reported in 1963 represents the highest incidence since 1950 although only a relatively slight increase over the 21,067 cases reported in 1962. However, although an increasing incidence of syphilis has been recorded both in the United States and elsewhere in the world, changes during recent years in reporting and investigative practices have undoubtedly served to magnify the increase in incidence.

Forty-four percent of the infectious syphilis cases reported in 1963 were among persons less than 25 years of age and 15 percent of the cases were among persons under 20.

Since 1955, reported cases of **early latent syphilis** have remained relatively constant varying between 16,000 and 19,000 cases per year. **Late and late latent syphilis** cases have decreased almost every year since 1943 when more than a quarter of a million were reported. In 1963, only 78,076 cases were recorded. This continuing decline reflects the decline in the reservoir of old untreated cases.

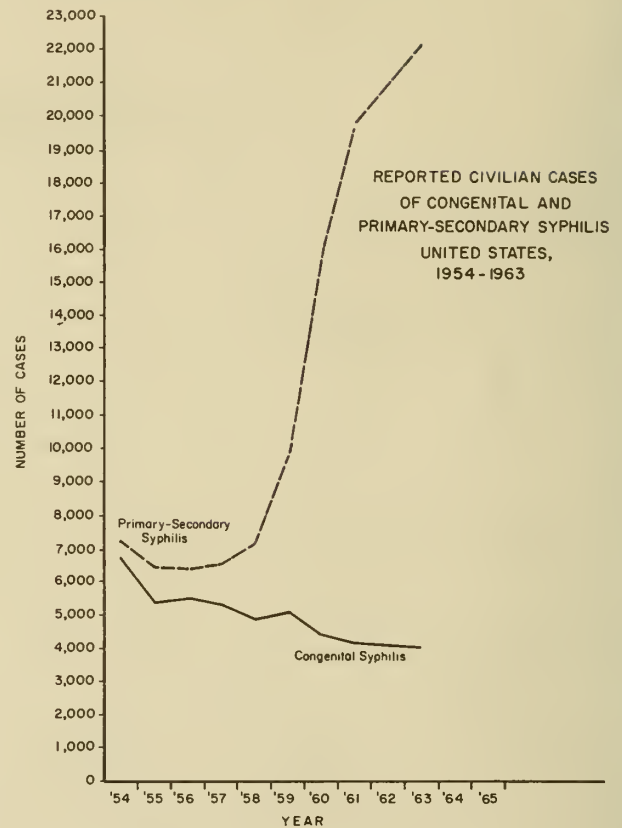
Of the 4,031 cases of **congenital syphilis** reported during 1963, only a small proportion were among infants less than one year old; most, in fact, are cases in adults born with syphilis years ago.

Gonorrhea

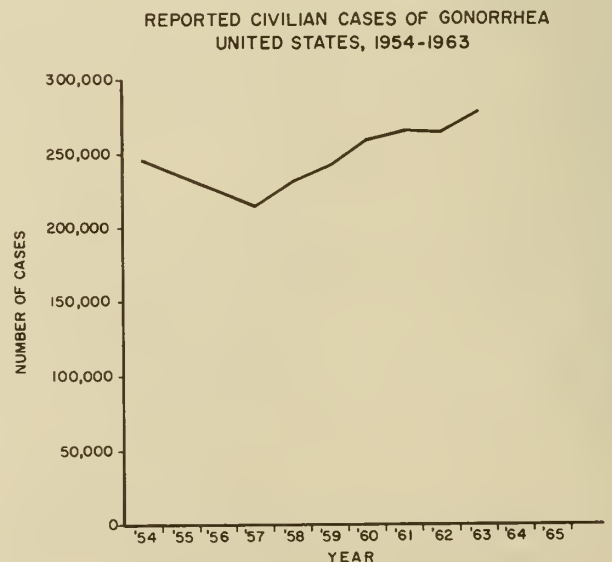
Gonorrhea cases have increased steadily each year since 1957 except for 1962 when there was a slight fall-off in reported cases. The 278,289 cases reported in 1963 was the largest number recorded since 1950. The highest rate is found in the age group 20-24 years. Recent estimates indicate that private physicians are reporting approximately 11 percent of the gonorrhea actually treated.

Lymphogranuloma Venereum

The number of reported cases declined steadily from 1944 through 1958. The rise in cases observed since 1959



Source: Venereal Disease Branch, Communicable Disease Center



Source: Venereal Disease Branch, Communicable Disease Center

is due primarily to increased reports from the District of Columbia. Beginning in 1960, one large clinic there has instituted the routine use of the Frei complement fixation test in the differential diagnosis of patients with perirectal abscesses and/or fistulae-in-ano and this has accounted for much of the increase.

Granuloma Inguinale

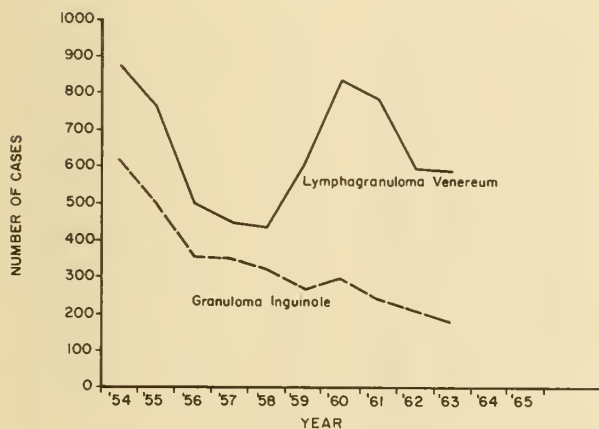
A total of 173 civilian cases of granuloma inguinale was reported in the United States for the calendar year 1963. Reported cases of granuloma inguinale rose rapidly during World War II and the following several years;

thereafter reported cases declined sharply. The graph depicts the continuous decline during the past decade.

Chancroid

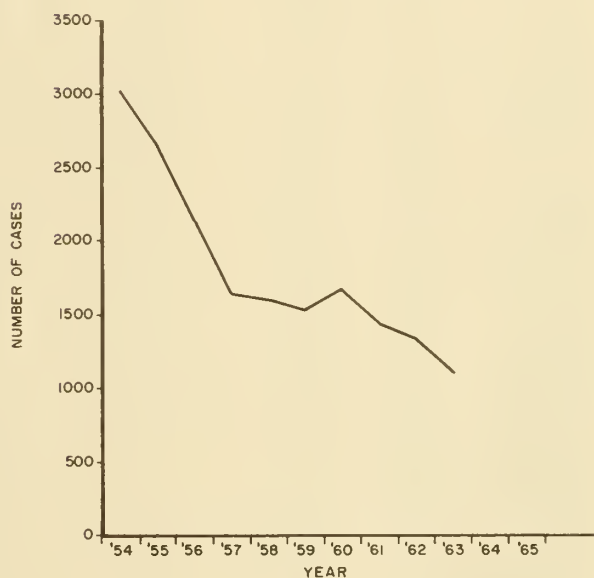
A total of 1,220 cases of chancroid was reported for 1963. After a peak shortly after World War II, the number of reported cases declined sharply in the ensuing years. Since 1957, the decline has been more gradual.

REPORTED CIVILIAN CASES OF GRANULOMA INGUINALE AND LYMPHOGRANULOMA VENEREUM UNITED STATES, 1954-1963



Source: Venereal Disease Branch, Communicable Disease Center

REPORTED CIVILIAN CASES OF CHANCROID UNITED STATES, 1954-1963



Source: Venereal Disease Branch, Communicable Disease Center

REPORTED VENEREAL DISEASE CASES^{1,2} AND RATES PER 100,000³ BY CALENDAR YEAR - UNITED STATES, 1954-63

Calendar year	Syphilis										Gonorrhoea		Chancroid		Granuloma Inguinale		Lymph Granuloma Venereum	
	Primary and Secondary		Early Latent		Late & Late Latent		Congenital		All stages ⁴ of Syphilis		Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates								
1954	7,147	4.5	23,861	15.1	89,123	56.5	6,676	4.2	130,697	82.9	242,050	153.5	3,003	1.9	618	.4	875	.6
1955	6,454	4.0	20,054	12.5	86,526	53.8	5,354	3.3	122,392	76.2	236,197	147.0	2,649	1.7	498	.3	762	.5
1956	6,395	3.9	19,813	12.0	95,168	57.6	5,498	3.3	130,314	78.9	224,683	136.0	2,138	1.3	357	.2	500	.3
1957	6,581	3.9	17,818	10.6	91,378	54.3	5,321	3.2	123,888	73.6	214,872	127.6	1,637	1.0	348	.2	448	.3
1958	7,184	4.2	16,569	9.7	83,129	48.5	4,901	2.9	114,053	66.5	232,818	135.8	1,603	.9	314	.2	435	.3
1959	9,799	5.6	17,025	9.8	86,740	49.7	5,130	2.9	120,824	69.2	240,254	137.6	1,537	.9	265	.2	604	.3
1960	16,145	9.1	18,017	10.1	81,798	45.9	4,416	2.5	122,538	68.8	258,933	145.3	1,680	.9	296	.2	835	.5
1961	19,851	11.0	19,486	10.8	79,304	43.8	4,163	2.3	124,658	68.8	264,158	145.8	1,438	.8	241	.1	787	.4
1962	21,067	11.5	19,585	10.7	79,533	43.3	4,070	2.2	126,245	68.7	263,714	143.5	1,344	.7	207	.1	590	.3
1963	22,251	11.9	18,235	9.8	78,076	41.9	4,031	2.2	124,137	66.5	278,289	149.2	1,220	.7	173	.1	586	.3

¹ Alaska and Hawaii included after 1955.
² Civilian cases only. Known military cases excluded.

³ Civilian population only.
⁴ Includes "stage not stated."

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 19, 1964 AND DECEMBER 21, 1963 (51st WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
	1964	1963	Primary	Post-Inf.	1964	1963	Cumulative		1964	1963	Cumulative	
			1964	1964			1964	1963			1964	1963
UNITED STATES...	39	25	49	8	-	7	117	436	-	6	90	372
NEW ENGLAND.....	-	2	1	1	-	-	2	9	-	-	2	9
Maine.....	-	1	-	-	-	-	-	3	-	-	-	3
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	1	-	-	-	1
Massachusetts.....	-	-	1	-	-	-	-	3	-	-	-	3
Rhode Island.....	-	1	-	1	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	2	2	-	-	2	2
MIDDLE ATLANTIC.....	5	2	21	2	-	1	15	123	-	-	13	98
New York City.....	-	-	5	-	-	-	2	1	-	-	2	-
New York, Up-State.	2	1	2	2	-	1	10	11	-	-	9	7
New Jersey.....	3	-	13	-	-	-	3	4	-	-	2	3
Pennsylvania.....	-	1	1	-	-	-	-	107	-	-	-	88
EAST NORTH CENTRAL...	5	1	8	2	-	-	24	58	-	-	16	47
Ohio.....	1	-	2	-	-	-	3	8	-	-	2	4
Indiana.....	1	-	4	-	-	-	9	4	-	-	6	3
Illinois.....	1	-	-	2	-	-	6	17	-	-	5	16
Michigan.....	2	1	-	-	-	-	3	20	-	-	2	20
Wisconsin.....	-	-	2	-	-	-	3	9	-	-	1	4
WEST NORTH CENTRAL...	1	1	4	-	-	-	10	8	-	-	8	6
Minnesota.....	1	1	1	-	-	-	3	4	-	-	2	4
Iowa.....	-	-	1	-	-	-	1	-	-	-	1	-
Missouri.....	-	-	-	-	-	-	4	1	-	-	3	-
North Dakota.....	-	-	-	-	-	-	1	1	-	-	1	-
South Dakota.....	-	-	-	-	-	-	-	1	-	-	-	1
Nebraska.....	-	-	-	-	-	-	-	1	-	-	-	1
Kansas.....	-	-	2	-	-	-	1	-	-	-	1	-
SOUTH ATLANTIC.....	2	-	4	-	-	3	35	105	-	3	28	91
Delaware.....	-	-	-	-	-	-	-	1	-	-	-	1
Maryland.....	-	-	-	-	-	-	1	1	-	-	1	1
Dist. of Columbia..	-	-	-	-	-	-	-	1	-	-	-	-
Virginia.....	1	-	1	-	-	-	4	21	-	-	4	16
West Virginia.....	-	-	-	-	-	-	1	4	-	-	1	4
North Carolina.....	-	-	-	-	-	1	12	6	-	1	7	5
South Carolina.....	-	-	-	-	-	1	3	9	-	1	3	8
Georgia.....	-	-	-	-	-	-	3	22	-	-	3	21
Florida.....	1	-	3	-	-	1	11	40	-	1	9	35
EAST SOUTH CENTRAL...	1	2	1	-	-	1	6	74	-	1	5	68
Kentucky.....	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	1	-	-	-	1	3	12	-	1	2	11
Alabama.....	1	1	-	-	-	-	2	53	-	-	2	48
Mississippi.....	-	-	1	-	-	-	1	9	-	-	1	9
WEST SOUTH CENTRAL...	3	-	-	-	-	1	12	28	-	1	10	27
Arkansas.....	-	-	-	-	-	-	-	4	-	-	-	3
Louisiana.....	-	-	-	-	-	-	-	14	-	-	-	14
Oklahoma.....	-	-	-	-	-	-	3	1	-	-	2	1
Texas.....	3	-	-	-	-	1	9	9	-	1	8	9
MOUNTAIN.....	1	2	2	-	-	-	10	8	-	-	5	6
Montana.....	-	-	-	-	-	-	1	-	-	-	1	-
Idaho.....	-	-	-	-	-	-	1	1	-	-	1	1
Wyoming.....	-	-	-	-	-	-	2	-	-	-	2	-
Colorado.....	-	2	2	-	-	-	1	2	-	-	1	1
New Mexico.....	-	-	-	-	-	-	5	1	-	-	-	-
Arizona.....	1	-	-	-	-	-	-	3	-	-	-	3
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	1	-	-	-	1
PACIFIC.....	21	15	8	3	-	1	3	23	-	1	3	20
Washington.....	2	2	1	1	-	-	-	2	-	-	-	2
Oregon.....	-	1	-	-	-	-	1	2	-	-	1	1
California.....	16	10	6	2	-	1	2	19	-	1	2	17
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	3	2	1	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	5	-	-	-	4

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 19, 1964 AND DECEMBER 21, 1963 (51st WEEK) - Continued

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum.	1964	Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative		1964	Cum.
		1964		1964	1964	1964	1964	1964	1964	1964		1963
UNITED STATES...	4	387	2	280	742	347	308	87	37,108	42,049	11	446
NEW ENGLAND.....	-	2	-	44	75	42	25	8	3,301	4,883	-	17
Maine.....	-	-	-	39	17	11	6	-	1,013	2,217	-	-
New Hampshire.....	-	-	-	-	5	2	3	-	261	607	-	-
Vermont.....	-	-	-	-	6	2	1	3	381	151	-	-
Massachusetts.....	-	2	-	5	18	11	5	2	759	1,184	-	8
Rhode Island.....	-	-	-	-	11	8	2	1	228	122	-	6
Connecticut.....	-	-	-	-	18	8	8	2	659	602	-	3
MIDDLE ATLANTIC.....	1	9	-	10	145	73	72	-	8,055	8,353	-	68
New York City.....	-	-	-	5	19	6	13	-	1,280	1,312	-	34
New York, Up-State.....	1	5	-	-	72	34	38	-	3,491	3,606	-	15
New Jersey.....	-	-	-	2	25	14	11	-	1,320	1,217	-	2
Pennsylvania.....	-	4	-	3	29	19	10	-	1,964	2,218	-	17
EAST NORTH CENTRAL...	1	51	-	11	129	77	46	6	5,982	6,696	1	85
Ohio.....	-	5	-	-	39	20	15	4	1,571	1,840	1	23
Indiana.....	-	1	-	1	9	6	3	-	495	620	-	22
Illinois.....	1	30	-	9	23	12	11	-	1,141	1,368	-	23
Michigan.....	-	6	-	1	53	37	16	-	2,369	2,565	-	11
Wisconsin.....	-	9	-	-	5	2	1	2	406	303	-	6
WEST NORTH CENTRAL...	1	166	-	36	77	34	37	6	2,073	1,887	2	34
Minnesota.....	-	9	-	18	3	1	1	1	229	286	-	3
Iowa.....	1	105	-	-	49	21	28	-	408	332	-	4
Missouri.....	-	10	-	1	9	7	2	-	505	610	2	17
North Dakota.....	-	2	-	2	-	-	-	-	64	111	-	2
South Dakota.....	-	21	-	3	-	-	-	-	135	144	-	1
Nebraska.....	-	13	-	5	10	2	3	5	84	132	-	3
Kansas.....	-	6	-	7	6	3	3	-	648	272	-	4
SOUTH ATLANTIC.....	-	40	1	77	54	30	23	1	3,431	4,230	2	100
Delaware.....	-	-	-	-	2	1	1	-	78	81	-	-
Maryland.....	-	-	-	1	12	4	8	-	632	534	-	8
Dist. of Columbia..	-	-	-	-	1	-	1	-	70	108	-	-
Virginia.....	-	17	-	15	9	5	1	1	558	822	-	11
West Virginia.....	-	1	-	8	6	2	-	-	490	667	-	-
North Carolina.....	-	4	1	2	8	7	1	-	554	1,065	1	21
South Carolina.....	-	-	-	7	1	1	-	-	153	169	1	13
Georgia.....	-	14	-	32	-	-	-	-	112	177	-	28
Florida.....	-	4	-	35	7	2	5	-	784	607	-	19
EAST SOUTH CENTRAL...	-	18	1	31	45	23	22	-	2,512	3,764	2	45
Kentucky.....	-	6	-	-	6	2	4	-	872	1,137	-	10
Tennessee.....	-	5	-	2	22	14	8	-	895	1,446	2	21
Alabama.....	-	4	1	24	6	4	2	-	485	594	-	8
Mississippi.....	-	3	-	5	11	3	8	-	260	587	-	6
WEST SOUTH CENTRAL...	1	47	-	41	45	26	18	1	2,905	2,852	1	44
Arkansas.....	-	6	-	3	3	1	2	-	292	311	1	16
Louisiana.....	1	5	-	12	8	6	2	-	683	588	-	6
Oklahoma.....	-	9	-	1	-	-	-	-	132	122	-	9
Texas.....	-	27	-	25	34	19	14	1	1,798	1,831	-	13
MOUNTAIN.....	-	30	-	2	49	5	-	44	2,287	2,650	1	14
Montana.....	-	-	-	-	-	-	-	-	190	334	-	-
Idaho.....	-	-	-	29	-	-	-	29	345	442	-	-
Wyoming.....	-	-	-	-	-	-	-	-	93	43	-	1
Colorado.....	-	-	-	-	9	-	-	9	597	545	-	-
New Mexico.....	-	1	-	1	4	4	-	-	328	330	-	5
Arizona.....	-	2	-	1	5	-	-	5	492	605	1	8
Utah.....	-	26	-	-	2	1	-	1	191	332	-	-
Nevada.....	-	1	-	-	-	-	-	-	51	19	-	-
PACIFIC.....	-	24	-	28	123	37	65	21	6,562	6,734	2	39
Washington.....	-	-	-	13	14	10	4	-	661	1,089	-	2
Oregon.....	-	2	-	-	6	1	3	2	650	788	-	-
California.....	-	22	-	15	79	22	57	-	4,815	4,599	2	37
Alaska.....	-	-	-	-	23	4	-	19	313	212	-	-
Hawaii.....	-	-	-	-	1	-	1	-	123	46	-	-
Puerto Rico	-	-	-	13	20	19	1	-	977	906	-	13

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 19, AND DECEMBER 21, 1963 (51st WEEK) - Continued

Area	Measles	Meningococcal Meningitis		Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals			
		1964	1964	Cumulative		1964	1963	1964	Cum.	1964	Cum.	1964	Cum.
				1964	1963								
UNITED STATES...	3,251	78	2,751	2,303	10,417	6,985	-	266	8	320	102	4,455	
NEW ENGLAND.....	704	5	96	133	564	583	-	9	-	1	2	38	
Maine.....	131	2	9	19	26	73	-	-	-	-	1	29	
New Hampshire.....	45	-	2	4	2	3	-	-	-	-	-	2	
Vermont.....	5	-	4	6	-	49	-	-	-	-	1	6	
Massachusetts.....	376	2	40	59	57	90	-	9	-	1	-	1	
Rhode Island.....	90	-	11	13	33	48	-	-	-	-	-	-	
Connecticut.....	57	1	30	32	446	320	-	-	-	-	-	-	
MIDDLE ATLANTIC.....	154	6	349	329	378	261	-	23	-	1	1	124	
New York City.....	25	-	48	49	26	23	-	-	-	-	-	-	
New York, Up-State.....	24	3	106	104	247	123	-	9	-	-	-	115	
New Jersey.....	15	2	109	53	49	37	-	6	-	-	-	-	
Pennsylvania.....	90	1	86	123	56	78	-	8	-	1	1	9	
EAST NORTH CENTRAL...	609	12	366	353	2,807	615	-	51	3	27	10	607	
Ohio.....	151	3	96	99	78	67	-	14	1	3	2	309	
Indiana.....	40	4	59	47	139	71	-	15	-	2	2	33	
Illinois.....	1	3	99	72	132	97	-	14	2	16	1	115	
Michigan.....	245	1	79	100	227	207	-	7	-	2	1	58	
Wisconsin.....	172	1	33	35	2,231	173	-	1	-	4	4	92	
WEST NORTH CENTRAL...	266	8	158	141	402	157	-	18	-	59	17	1,310	
Minnesota.....	1	-	33	28	6	14	-	5	-	2	12	425	
Iowa.....	130	-	9	7	119	45	-	6	-	1	3	455	
Missouri.....	34	7	75	41	76	9	-	4	-	32	-	190	
North Dakota.....	98	-	20	17	138	71	-	-	-	-	1	72	
South Dakota.....	-	-	3	7	9	15	-	1	-	15	1	95	
Nebraska.....	3	-	7	25	-	-	-	-	-	-	-	36	
Kansas.....	NN	1	11	16	54	3	-	2	-	9	-	37	
SOUTH ATLANTIC.....	314	4	529	422	878	799	-	65	-	31	10	600	
Delaware.....	1	-	7	4	22	2	-	-	-	-	-	-	
Maryland.....	8	2	43	58	176	43	-	4	-	-	-	3	
Dist. of Columbia..	1	-	17	8	9	4	-	1	-	1	-	-	
Virginia.....	58	-	64	90	230	288	-	8	-	7	8	325	
West Virginia.....	206	-	35	23	313	219	-	1	-	-	-	38	
North Carolina.....	4	-	95	82	14	25	-	16	-	7	-	5	
South Carolina.....	1	-	59	24	8	39	-	5	-	-	-	2	
Georgia.....	-	-	87	34	23	7	-	5	-	15	1	120	
Florida.....	35	2	122	99	83	172	-	25	-	1	1	107	
EAST SOUTH CENTRAL...	145	9	204	156	1,378	1,290	-	35	1	34	41	678	
Kentucky.....	7	2	66	34	134	11	-	8	-	4	-	63	
Tennessee.....	96	4	66	71	1,055	1,207	-	14	1	22	40	531	
Alabama.....	30	2	45	28	99	10	-	8	-	3	1	21	
Mississippi.....	12	1	27	23	90	62	-	5	-	5	-	63	
WEST SOUTH CENTRAL...	198	9	309	212	698	595	-	30	1	108	15	634	
Arkansas.....	1	1	34	14	6	8	-	8	-	66	1	148	
Louisiana.....	1	4	133	86	-	7	-	4	-	6	6	82	
Oklahoma.....	-	1	16	36	1	24	-	1	-	20	1	98	
Texas.....	196	3	126	76	691	556	-	17	1	16	7	306	
MOUNTAIN.....	257	6	103	85	1,696	1,611	-	6	3	56	-	143	
Montana.....	-	-	1	4	-	74	-	-	-	19	-	1	
Idaho.....	96	1	5	6	225	45	-	1	-	-	-	-	
Wyoming.....	11	-	5	7	115	116	-	2	1	12	-	-	
Colorado.....	31	-	22	25	587	583	-	-	-	-	-	8	
New Mexico.....	21	4	43	5	364	477	-	1	-	-	-	52	
Arizona.....	6	-	8	13	137	174	-	1	1	1	-	68	
Utah.....	92	1	8	20	268	138	-	1	1	24	-	3	
Nevada.....	-	-	11	5	-	4	-	-	-	-	-	11	
PACIFIC.....	604	19	637	472	1,616	1,074	-	29	-	3	6	321	
Washington.....	362	-	48	40	268	185	-	3	-	-	-	-	
Oregon.....	53	-	27	35	18	21	-	1	-	1	-	11	
California.....	128	19	542	366	1,162	778	-	23	-	2	6	310	
Alaska.....	7	-	7	17	23	58	-	-	-	-	-	-	
Hawaii.....	54	-	13	14	145	32	-	2	-	-	-	-	
Puerto Rico	58	-	35	10	3	8	-	66	-	-	-	27	

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

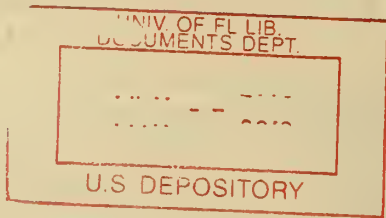
Area	For weeks ending				Area	For weeks ending			
	11/28	12/5	12/12	12/19		11/28	12/5	12/12	12/19
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	12	13	12	24	Atlanta, Ga.....	10	10	9	12
Bridgeport, Conn.....	-	6	-	4	Baltimore, Md.....	12	27	22	18
Cambridge, Mass.....	1	1	-	1	Charlotte, N.C.....	3	5	3	3
Fall River, Mass.....	-	2	2	1	Jacksonville, Fla.....	10	2	6	6
Hartford, Conn.....	2	5	3	5	Miami, Fla.....	4	8	5	1
Lowell, Mass.....	2	1	2	3	Norfolk, Va.....	4	7	2	8
Lynn, Mass.....	1	-	-	-	Richmond, Va.....	7	16	9	4
New Bedford, Mass.....	-	2	-	1	Savannah, Ga.....	1	2	1	2
New Haven, Conn.....	-	12	5	2	St. Petersburg, Fla.....	2	1	3	-
Providence, R.I.....	6	6	4	8	Tampa, Fla.....	6	2	5	6
Somerville, Mass.....	-	-	1	-	Washington, D.C.....	13	17	29	14
Springfield, Mass.....	2	1	-	4	Washington, Del.....	3	4	1	2
Waterbury, Conn.....	3	1	1	5	EAST SOUTH CENTRAL:				
Worcester, Mass.....	1	-	1	6	Birmingham, Ala.....	3	12	9	15
MIDDLE ATLANTIC:					Chattanooga, Tenn.....	7	1	4	4
Albany, N.Y.....	2	3	3	1	Knoxville, Tenn.....	2	1	4	3
Allentown, Pa.....	3	2	2	1	Louisville, Ky.....	4	11	7	7
Buffalo, N.Y.....	7	11	8	9	Memphis, Tenn.....	9	5	5	12
Camden, N.J.....	3	2	2	3	Mobile, Ala.....	2	5	7	6
Elizabeth, N.J.....	-	1	1	3	Montgomery, Ala.....	-	2	5	1
Erie, Pa.....	4	2	2	6	Nashville, Tenn.....	7	7	5	9
Jersey City, N.J.....	5	2	1	4	WEST SOUTH CENTRAL:				
Newark, N.J.....	7	12	7	6	Austin, Tex.....	2	2	1	3
New York City, N.Y.....	63	81	105	91	Baton Rouge, La.....	1	4	2	7
Paterson, N.J.....	3	8	7	4	Corpus Christi, Tex.....	3	4	6	-
Philadelphia, Pa.....	23	17	34	15	Dallas, Tex.....	15	15	19	15
Pittsburgh, Pa.....	3	13	9	13	El Paso, Tex.....	1	10	3	1
Reading, Pa.....	2	1	1	1	Fort Worth, Tex.....	3	10	9	7
Rochester, N.Y.....	5	9	12	7	Houston, Tex.....	18	27	16	14
Schenectady, N.Y.....	1	-	-	1	Little Rock, Ark.....	5	2	5	8
Scranton, Pa.....	-	-	4	1	New Orleans, La.....	15	17	15	13
Syracuse, N.Y.....	4	8	3	4	Oklahoma City, Okla.....	2	6	9	5
Trenton, N.J.....	-	2	1	3	San Antonio, Tex.....	2	7	8	10
Utica, N.Y.....	-	1	1	1	Shreveport, La.....	6	2	6	2
Yonkers, N.Y.....	1	2	-	1	Tulsa, Okla.....	3	-	2	1
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.....	7	2	3	6	Albuquerque, N. Mex.....	-	5	3	2
Canton, Ohio.....	-	2	1	1	Colorado Springs, Colo...	1	2	1	1
Chicago, Ill.....	57	52	66	43	Denver, Colo.....	11	11	8	11
Cincinnati, Ohio.....	3	4	16	9	Ogden, Utah.....	-	1	3	-
Cleveland, Ohio.....	26	15	11	7	Phoenix, Ariz.....	9	10	4	4
Columbus, Ohio.....	10	7	11	7	Pueblo, Colo.....	1	1	1	3
Dayton, Ohio.....	6	3	4	12	Salt Lake City, Utah.....	2	-	-	2
Detroit, Mich.....	23	12	27	28	Tucson, Ariz.....	3	-	3	3
Evansville, Ind.....	1	1	2	2	PACIFIC:				
Flint, Mich.....	1	3	3	1	Berkeley, Calif.....	-	1	1	1
Fort Wayne, Ind.....	2	3	6	7	Fresno, Calif.....	5	2	4	9
Gary, Ind.....	4	5	6	-	Glendale, Calif.....	2	2	1	-
Grand Rapids, Mich.....	2	1	2	5	Honolulu, Hawaii.....	4	5	1	5
Indianapolis, Ind.....	12	13	9	11*	Long Beach, Calif.....	6	3	1	6
Madison, Wis.....	3	1	3	3	Los Angeles, Calif.....	38	27	33	38
Milwaukee, Wis.....	6	9	7	9	Oakland, Calif.....	5	8	6	3
Peoria, Ill.....	3	2	2	4	Pasadena, Calif.....	-	-	1	1
Rockford, Ill.....	7	-	3	2	Portland, Oreg.....	4	7	3	5
South Bend, Ind.....	3	6	2	2*	Sacramento, Calif.....	6	4	2	4*
Toledo, Ohio.....	3	7	3	4	San Diego, Calif.....	8	4	9	4
Youngstown, Ohio.....	2	1	5	1	San Francisco, Calif.....	6	7	6	12
WEST NORTH CENTRAL:					San Jose, Calif.....	2	2	2	4
Des Moines, Iowa.....	4	5	2	3	Seattle, Wash.....	3	5	7	8
Duluth, Minn.....	-	1	2	-	Spokane, Wash.....	2	3	5	3*
Kansas City, Kans.....	7	3	2	5*	Tacoma, Wash.....	1	-	4	3
Kansas City, Mo.....	12	5	8	7	^o Current Week Mortality for 108 Selected Cities				
Lincoln, Nebr.....	2	3	2	2	4(A) Total Mortality, all ages.....	11,949			
Minneapolis, Minn.....	9	9	7	8	4(B) Pneumonia-Influenza Deaths, all ages.....	520			
Omaha, Nebr.....	-	6	4	4	4(C) Total Deaths under 1 Year of Age.....	782			
St. Louis, Mo.....	12	22	16	24	4(D) Total Deaths, Persons 65 years and over.....	6,701			
St. Paul, Minn.....	3	2	4	7					
Wichita, Kans.....	3	5	-	4					

*Estimate - based on average percent of divisional total. Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

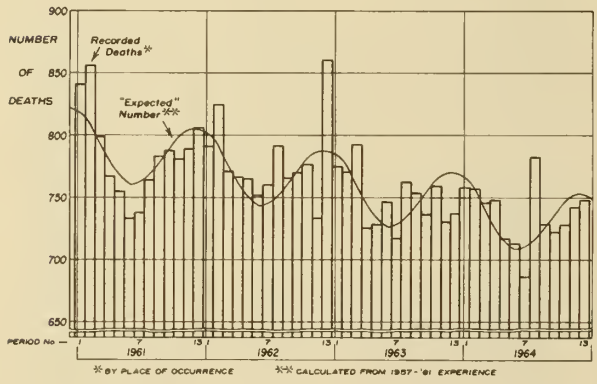
INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending December 19 was 748 as compared with an expected 752 weekly average.



	Week Ending				4-Week Weekly	
	11/28	12/5	12/12	12/19	Total	Average
Observed	656	770	785	782	2,993	748
Expected	752	752	752	751	3,007	752
Excess	-96	18	33	31	-14	-4

DEATHS UNDER ONE YEAR OF AGE IN 108 U.S. CITIES
Average Number per Week by Four-Week Periods



(See table page 451)

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta, Georgia 30333
Official Business

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASES, SUCH ACCOUNTS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
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ATLANTA, GEORGIA 30333

NOTES: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE COMMUNICABLE DISEASE CENTER BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS.

SYMBOLS: --- DATA NOT AVAILABLE
- QUANTITY ZERO

PROCEDURES FOR CONSTRUCTION OF VARIOUS MORTALITY CURVES MAY BE OBTAINED FROM STATISTICS SECTION, COMMUNICABLE DISEASE CENTER, PUBLIC HEALTH SERVICE, U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, ATLANTA, GEORGIA 30333.